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Please type a plus sign (+) inside this box →		U.S. Patent	and Trademai	k office: U.	hrough 10/31/2002. OM S. DEPARTMENT OF C	COMMERCE	Ε		
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UTILITY	Attorney	Docket No.	60,152-1			272 272			
PATENT APPLICATION	First Inv		Harold T			_ <u>~~</u>			
TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Title	SELF-DIAGNOSING PIERCE NUT INSTALLATION APPARATUS							
	Express	press Mail Label No. EL997489765US							
APPLICATION ELEMENTS	ADI	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450							
See MPEP chapter 600 concerning utility patent application contents			Alexandria, \	VA 22313-1	450		-		
 See Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages (26)] (preferred arrangement set forth below) Descriptive title of the invention Cross reference to related applications Statement regarding Fed sponsored R & D Reference to sequence listing, a table, or a Computer program listing appendix Background of the Invention 	8. [CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) Computer Readable Form (CRF) Specification Sequence Listing on:							
Brief Summary of the invention Brief Description of the Drawings Detailed description Claim(s) Abstract of the Disclosure 4. Drawing(s) (35 USC 113) [Total Sheets (3)] 5. Oath or Declaration [Total Pages (4)] a. Executed (original copy) b. Copy from a prior application (37 CFR 1.6) (d)) (for continuation/divisional with Box 18 completed in DELETION OF INVENTOR(S) Signed statement attached deleting inventor(Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	10. 11. 12. 13. 14. 15. 16. 17.	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Statement Copies of IDS (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Request and Certification under 35 USC 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Check for the payment of the filing fee							
Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The en under Box 5b, is considered a part of the accompanying conti	inuation-in-j tire discloss inuation or en inadvert	part (CIP) of pro- ure of the prior divisional apple	ior application Group Art I application, f cation and is om the subm	n no.: Unit: from which hereby inc	an oath or declaration	 is supplied			
19. COR	RESPO	NDÉNCE AI	DRESS				\dashv		
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Name (Print/Type) Raymond E. Scott	Regist	ration No. (A	Attorney/Ag	ent) 2	2,981				
Signature Ramon & Sc	atto	ð Date			December 3, 2003				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

PTO/SB/17 (05-03)
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FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Applicant Claims small entity status. See 37 CFR 1.27

1108 TOTAL AMOUNT OF PAYMENT

Application Number	Herewith	
Filing Date	December 3, 2003	
First Named Inventor	Harold T. Woods	
Examiner Name	Not Yet Assigned	
Group / Art Unit	Not Yet Assigned	
Attorney Docket No.	60 152-1020	_

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)										
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Number				1051	50	2052	25	Surcharge - late provisional filing fee					
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Account Howard & Howard					1053	130	1053	130	Non-English specification For filing a request for experts				
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The Director is authorized to: (check all that apply) Charge fee(s) indicated below					1804	920*	1804	920*	Requesting publication of SIR prior to				
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☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.				1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action					
								1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION					1252	420	2252	210	Extension for reply within second month				
1. BAS	SIC FILI	NG FEE						1253	950	2253	475	Extension for reply within third month	
Large E	ntity S		-	ee Descrip	tion			1254	1,480	2254	740	Extension for reply within fourth month	
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		001 38		Jtility filing fo	90	770		1401	330	2401	165	Notice of Appeal	
					1402	330	2402	165	Filing a brief in support of an appeal				
1003 530 2003 265 Plant filing fee		1403	290	2403	145	Request for oral hearing							
1004 770 2004 385 Reissue filing fee				1451	1,510	1451	1,510	Petition to institute a public use proceeding					
1005 160 2005 80 Provisional filling fee				1452	110	2452	55	Petition to revive – unavoidable					
SUBTOTAL (1) (\$) 770				1453	1,330	2453	665	Petition to revive – unintentional					
1		3081	AL	- 、		(W) / / U		1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA	CLAIM	FEES						1502	480	2502	240	Design issue fee	\Box
1				Extra	Fee from	Fee		1503	640	2503	320	Plant issue fee	
1				Extra Claims	below_	Paid		1460	130	1460	130	Petitions to the Commissioner	
Total Claims	27	-20**	= [7	x 18	= 126	\dashv	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Independent Claims	5	-3**	=	2	x 86	= 172	_	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Dependent		C"	E-M	u.	×	= 0		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
Large Fee	Entity Fee	Fee	Fee	y Fee Des	cription			1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
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1202 1201	18 86	2202	43			in excess of 3	3	1.0.0		_510	,,,,	examined (37 CFR § 1.129(b))	_
1201	200	2203	145	Multiple	dependent o	claim, if not pa	aid	1801	770	2801	385	Request for Continued Examination (RCE)	1
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OUDWITTED BY				Complete (if a	applicable)
SUBMITTED BY	Raymond E. Scott	Registration No. Attorney/Agent)	22,981	Telephone	248.723.0306
Name (Print/Type)		Scat	1	Date	12-1-03
Signature	Kankey C.	<u> </u>			

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed **PATENT APPLICATION** and fee are being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope as "Express Mail Post Office to Addressee", Mailing Label No. <u>EL997489765US</u> and addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on **December 3, 2003.**

Tracy L. Smith

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